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Product datasheet for SC322778

SOX13 (NM_005686) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SOX13 (NM_005686) Human Untagged Clone
Tag:	Tag Free
Symbol:	SOX13
Synonyms:	ICA12; Sox-13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

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>OriGene sequence for SC322778
CTCCTCTAGGCTGTCCAGTCGCCTCGCAGCAGCGAGCCGCGAGCGCCCTTCTCCAGTCCC
GGCTTGGAACTGAACTGTGTGAGCACGGGTCCTGGAACCCGGGCCCAGAACCGGCGAGCC
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TAAACATAGATAGTGCTTTATTTTGTTAATAATAAGATAATGATGAGTAACTTAAAAAAA
AAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_005686

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_005686.2, NP_005677.2
RefSeq Size:	4088 bp
RefSeq ORF:	1869 bp
Locus ID:	9580
UniProt ID:	Q9UN79
Cytogenetics:	1q32.1
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. It has also been determined to be a type-1 diabetes autoantigen, also known as islet cell antibody 12. [provided by RefSeq, Jul 2008]